We Claim:

1. A method of input conversion to output, said conversion method comprising:

entering a first stage input and a second stage input;

translating the first stage input and the second stage input into an electronic format;

converting the electronic format into standard XML encoded with accessibility information;

transforming the standard XML encoded with accessibility information into individual version of XML dependent on desired output; and

utilizing a rendering engine to modify the individual version of XML into a format for the output.

2. The conversion method of claim 1 wherein said entering step includes speaking.

3. The conversion method of claim 1 wherein said entering step includes gesturing.

4. The conversion method of claim 1 wherein said entering step includes writing.

5. The conversion method of claim 1 wherein said entering step includes by a peripheral.

6. The conversion method of claim 1 wherein said entering step includes semantic information.

7. The conversion method of claim 1 wherein said entering step includes providing format and structure instructions.

8. The conversion method of claim 2 wherein said translating step includes the use of automatic speech recognition of the first stage input and the second stage input to produce the electronic format.

9. The conversion method of claim 3 wherein said translating step includes the use of sign language recognition of the first stage input and the second stage input to produce the electronic format.

10. The conversion method of claim 1 wherein the individual version of XML is XHTML for desired output.

11. The conversion method of claim 1 wherein the individual version of XML is VoiceXML for desired output.

12. The conversion method of claim 1 wherein the individual version of XML is a custom XML for desired output.

13. The conversion method of claim 10 wherein the desired output is text.

14. The conversion method of claim 11 wherein the desired output is synthesized speech.

15. The conversion method of claim 12 wherein the desired output is virtual sign language.

16. The conversion method of claim 12 wherein the desired output is electronic braille.

17. The conversion method of claim 12 wherein the desired output is electronic large print.

18. The conversion method of claim 1 wherein said transforming step includes the use of extensible stylesheet language transformations to transform the standard XML encoded with accessibility information into the individual version of XML dependent on desired output.

19. A method of input conversion to output, said conversion method comprising:

entering a first stage input of speech and a second stage input of gestures;

translating the speech input using automatic speech recognition and the gestures input using sign language recognition into an electronic format;

converting the electronic format into standard XML encoded with accessibility information;

transforming the standard XML encoded with accessibility information using extensible stylesheet language transformations into xHTML for desired output of text; and

utilizing a rendering engine of accessible instant messenger to modify the xHTML into the desired output of text.